

Date: Wed, 24 Aug 94 04:30:30 PDT
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V94 #235
To: Ham-Space

Today's Topics:

(none)
ARLK036 Keplerian data

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 24 Aug 94 08:21:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: (none)
To: ham-space@ucsd.edu

HELO SEARN.SUNET.SE
MAIL FROM:<owner-ham-space@UCSD.EDU>
RCPT TO:<bulgar@PLEARN.BITNET>
DATA
Received: from SEARN (NJE origin SMTPF@SEARN) by SEARN.SUNET.SE (LMail V1.2a/1.8a) with BSMTP id 9588; Fri, 19 Aug 1994 14:33:45 +0200
Received: from ucsd.edu by SEARN.SUNET.SE (IBM VM SMTP V2R2) with TCP;
Fri, 19 Aug 94 14:33:41 +0200
Received: by ucsd.edu; id EAA20744
sendmail 8.6.9/UCSD-2.2-sun
Fri, 19 Aug 1994 04:30:45 -0700 for ham-space-list
Errors-To: ham-space-relay@UCSD.EDU
Sender: ham-space-relay@UCSD.EDU
Precedence: List
Received: by ucsd.edu; id EAA20738
sendmail 8.6.9/UCSD-2.2-sun

Fri, 19 Aug 1994 04:30:41 -0700 for ham-space-ddist
Message-Id: <199408191130.EAA20738@ucsd.edu>
Date: Fri, 19 Aug 94 04:30:40 PDT
From: Ham-Space Mailing List and Newsgroup <ham-space@UCSD.EDU>
Errors-To: Ham-Space-Errors@UCSD.EDU
Reply-To: Ham-Space@UCSD.EDU
Precedence: Bulk
Subject: Ham-Space Digest V94 #230
To: Ham-Space@UCSD.EDU

-----Original message-----

Ham-Space Digest Fri, 19 Aug 94 Volume 94 : Issue 230

Today's Topics:

Address for KC0TO/7 in Wyoming

Kantronics KPC-9612

Need 9600 baud mod info for IC271/471

New satellite Windows programs

STS-68 - SAREX?

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Date: 18 Aug 1994 12:47:05 -0500

From:

ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!swrinde!pirates.cs.swt.edu!cs.utexas.edu!not-for-mail@network.ucsd.edu

Subject: Address for KC0TO/7 in Wyoming

To: ham-space@ucsd.edu

My first AO-13 contact was with KC0TO/7 in Wyoming on 30 July at 0607 UTC.

He gave the QSL route, but I misplaced it.

My card to the callbook address for KC0TO was returned undeliverable.

Does anyone have the correct OSL route?

-- Wayne Estes WD5FFH

Wayne_Estes@csg.mot.com

Date: 18 Aug 1994 18:05:35 GMT

From:

agate!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!zip.ee
cs.umich.edu!yeshua.marcam.com!charnel.ecst.csuchico.edu!psgrain!news.tek.com!gv
-gate.gvg.@@ihnp4.ucsd.edu

Subject: Kantronics KPC-9612

To: ham-space@ucsd.edu

Does anyone know if the new Kantronics KPC-9612 dual speed TNC can be
used to communicate with the 9600 baud satellites?

Randy
WA2AGE

Date: Thu, 18 Aug 94 13:33:11 PDT

From:

ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!europa.eng.gtefsd.com
!uhog.mit.edu!news.kei.com!ssd.intel.com!chnews!news@network.ucsd.edu

Subject: Need 9600 baud mod info for IC271/471

To: ham-space@ucsd.edu

I'm looking for 9600 baud modification info for the ICOM 271 & 471.

Thanks & 73s,
Tom WB7ASR...

Date: Thu, 18 Aug 94 13:10:16 PDT

From:

ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!europa.eng.gtefsd.com
!uhog.mit.edu!news.kei.com!ssd.intel.com!chnews!news@network.ucsd.edu

Subject: New satellite Windows programs

To: ham-space@ucsd.edu

I just received my copy of the July/August 1994 issue of THE AMSAT JOURNAL.
In the journal, pages 6-9, they talk about a new Windows PB and PG like
program by ZL2TPO. The program also has a fully integrated color graphic
world map showing satellite positions and foot prints. It has full support
for the Kansas City Tracker/Tuner, with the optional Windows program by
KC6WYG, on page 10.

Both programs can be purchased from AMSAT direct for \$40.00 @ 301-589-6062
All proceeds go to the Phase3D program.

73s, Tom WB7ASR...

Date: Wed, 17 Aug 1994 20:25:03 -0400
From:
news.cerf.net!bengal.oxy.edu!acsc.com!gopher.sdsc.edu!nic-nac.CSU.net!chanel.ec
st.csuchico.edu!yeshua.marcam.com!news.kei.com!eff!news.umbc.edu!haven.umd.edu!c
s.umd.!ihnp4.ucsd.edu
Subject: STS-68 - SAREX?
To: ham-space@ucsd.edu

In article <32t419\$ee1@fuzzy.aud.alcatel.com>, rjgrocho@aud.alcatel.com wrote:

> I haven't yet seen anything that sez STS-68 will be a SAREX mission.
> Is it? Tnx.
>
> Robert - N5UPF

STS-64 is the next SAREX mission. Due for launch Sept 9 nominally

Jim Blackwell, N3KLU

Date: 18 Aug 1994 02:10:29 GMT
From:
ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!europa.eng.gtefsd.com
!news.umbc.edu!rkirk1@network.ucsd.edu
To: ham-space@ucsd.edu

References <32bqoe\$ur@eis.calstate.edu>, <32ggg8\$hsh@hollywood.cinenet.net>, <1994Aug13.082514.868@ke4zv.atl.ga.us>.umbc.ed
Subject : Re: Homebrew Global Positioning System (GPS)

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <32ggg8\$hsh@hollywood.cinenet.net> maustin@hollywood.cinenet.net
(Mark Austin) writes:
: >
: >I had an idea. How about linking up a GPS with a cellular phone and
: >a large battery to power both for a couple of days. Then dial a number
: >on the cellular where you want the GPS to send it's location info and
: >drop the whole bundle into someone's car. Since GPS info can be used
: >with several very cheap street mapping systems (Delorme for one) you'll

: >be able to sit at home and watch them driving down the street on
: >your home computer. Should be able to do this cheap. A couple of
: >hundred dollars (with cheap GPS and cheap phone). I have no ideas
: >on keeping cellular costs down though. One thought would be to set
: >the phone to answer and power up the whole gizmo and then shut down
: >after a call is placed into it. You wouldn't get a continuous
: >signal but you'd be able to find where someone is on demand (if they're
: >within cellular calling range). Such a setup could last for a LONG
: >time with the proper battery.

: You aren't going to be able to get a GPS and cell phone for a couple
: hundred dollars. The cheapest GPS receivers are around \$400, and so
: are cell phones unless you roll their cost into a long term service
: contract. And monthly and per minute cell phone charges will mount
: up fairly rapidly. By using packet radio, amateur or commercial,
: you can send position updates on a regular basis without incurring
: quite as much cost.

: DeLorme Mapping and City Streets are a couple of commercial map
: systems that work with GPS. However, APRS (Automatic Packet Reporting
: System) is in some ways better. While it lacks the friendly user
: interface of the commercial products, and it's pre-made map databases
: are skimpy, you can make your own maps, and it works with local and
: remote GPS receivers (using packet UI frames for the latter). It also
: supports other information about the remote sites such as range and
: bearing data from DF equipment, and arbitrary text messages.

: However, what many of us want is *differential* GPS. The Coast Guard,
: FAA, and others send out position deltas from a fixed benchmark
: receiver that are received and used to correct the reading of the local
: GPS receiver. These transmissions are either at MF or VHF depending on
: the system. A special receiver is required, and either a GPS receiver
: designed to work with differential signals, or a PC that can take the
: timestamped position reports and reconcile them via software, is used
: to give a true position. This method removes the deliberate SA jitter,
: and other error sources such as varying atmospheric propagation factors,
: from the position data. This allows much greater precision in determining
: location than raw GPS alone.

: It would be nice if the APRS author would support this mode in his
: software. Some of us are willing to set up benchmark receivers on
: the amateur bands. That timestamped data could be used to correct
: the positions reported by the rover receivers over packet.

: Gary
: --
: Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
: Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary

: 534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
: Lawrenceville, GA 30244				gary@ke4zv.atl.ga.us

This has already been done on an experimental basis here in the Annaoplis area: A cooperating ham otransmits a differential signal on the same freq as the APRS net. Receive it thru your TNC and it goes into the GPS receiver. Works fine.

(Wierd trouble with a missing letter - regrets)

Bob
ht os

End of Ham-Space Digest V94 #230

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QUIT

Date: Tue, 23 Aug 1994 18:56:36 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLK036 Keplerian data
To: ham-space@ucsd.edu

SB KEP @ ARL \$ARLK036
ARLK036 Keplerian data

ZCZC SK04
QST de W1AW
Keplerian Bulletin 36 ARLK036

Date: (null)
From: (null)

End of Ham-Space Digest V94 #235
